


|   |   |    |                          |                        |          |
|---|---|----|--------------------------|------------------------|----------|
| Substitute for form 1449A/PTO   |   |    | <b>Complete If Known</b> |                        |          |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |   |    | Application Number       |                        |          |
|   |   |    | Filing Date              |                        |          |
|   |   |    | First Named Inventor     | Alexander Reshetov     |          |
|   |   |    | Art Unit                 | 2623                   |          |
|   |   |    | Examiner Name            | Wu, Jingge             |          |
| Sheet   | 1 | of | 2                        | Attorney Docket Number | 42P8655C |

| U.S. PATENT DOCUMENTS |           |                                |   |   |   |
|-----------------------|-----------|--------------------------------|---|---|---|
| Examiner Initials*    | Cite No.† | Document Number                | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |           | Number - Kind Code* (if known) |   |   |   |
| LS                    |           | US-5,327,509                   | 07-05-1994                                | Rich  |   |
| LS                    |           | US-5,548,709                   | 05-12-1998                                | Hannah et al.                                   |   |
| LS                    |           | US-5,751,292                   | 05-12-1998                                | Emmott  |   |
| LS                    |           | US-5,808,621                   | 09-15-1998                                | Sundaresan                                      |   |
| LS                    |           | US-5,822,452                   | 10-13-1998                                | Tarolli et al.                                  |   |
| LS                    |           | US-5,845,013                   | 12-01-1998                                | Bouchard et al.                                 |   |
| LS                    |           | US-5,852,443                   | 12-22-1998                                | Kenworthy                                       |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |
|                       |           | US-                            |   |   |   |

| FOREIGN PATENT DOCUMENTS |              |   |                                |  |   |    |
|--------------------------|--------------|---|--------------------------------|--|---|----|
| Examiner<br>Initials*    | Cite<br>No.† | Foreign Patent Document                         | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T* |
|                          |              | Country Code* - Number* - Kind Code* (If known) |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
|                          |              |   |                                |  |   |    |
| </                       |              |   |                                |  |   |    |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 7-10-08 |
|--------------------|---|-----------------|---------|

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.


\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

|  |   |                          |                    |
|--|---|--------------------------|--------------------|
| Substitute for form 1449A/PTO                            |   | <b>Complete If Known</b> |                    |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   | Application Number       |                    |
|  |   | Filing Date              |                    |
|  |   | First Named Inventor     | Alexander Reshetov |
|  |   | Art Unit                 | 2623               |
|  |   | Examiner Name            | Wu, Jingge         |
|  |   | Attorney Docket Number   | 42P8655C           |
| Sheet  | 2 | of                       | 2                  |

| NON PATENT LITERATURE DOCUMENTS |           |   |    |
|---------------------------------|-----------|---|----|
| Examiner Initials*              | Cite No.† | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T* |
| CS                              |           | J. Puzicha, M. Held, J. Ketterer, J. Buhmann, D. Fellner. On Spatial Quantization of Color Images. Technical Report IAI-TR-98-1, University of Bonn, 1998.  |    |
| CS                              |           | J. M. Buhmann, D. Fellner, M. Held, J. Ketterer and J. Puzicha. Dithered Color Quantization. Proceedings of EUROGRAPHICS, Vol. 17, No. 3, 1998.   |    |
| CS                              |           | FXT1: White paper. 3dfx Interactive, Inc. Retrieved from the internet at <a href="http://www-dev.3dfx.com/fxt1/fxt1whitepaper.pdf">http://www-dev.3dfx.com/fxt1/fxt1whitepaper.pdf</a> . Pages 1-7.   |    |
| CS                              |           | Texture and Rendering Engine Compression (TREC): White paper. Microsoft Corporation. Retrieved from the internet at <a href="http://www.microsoft.com/hwdevdes/WHNTREC.htm">http://www.microsoft.com/hwdevdes/WHNTREC.htm</a> . Pages 1-11.                     |    |
| CS                              |           | Paul S. Heckbert, PIXAR. "Survey of Texture Mapping". IEEE Computer Graphics and Applications, Nov. 1986, pp. 56-67. Pages 1-14.  |    |
| CS                              |           | J. Ketterer, J. Puzicha, M. Held, M. Fischer, J. M. Buhmann and D. Fellner. On Spatial Quantization of Color Images. Proceedings of the European Conference on Computer Vision, 1998. Pgs. 563 - 577.   |    |
| CS                              |           | Cross, "DXTn Texture Compression" at <a href="http://www.cdmag.com/articles/021/068/dxt_feature.html">http://www.cdmag.com/articles/021/068/dxt_feature.html</a> , 7/1999.  |    |
| CS                              |           | Ivanov, "Texture Compression Survey" at <a href="http://www.fit.com.ur/Surveys/TextureCompression/index.html">http://www.fit.com.ur/Surveys/TextureCompression/index.html</a> . 4/1999  |    |
|                                 |           |   |    |
|                                 |           |   |    |
|                                 |           |   |    |
|                                 |           |   |    |
|                                 |           |   |    |
|                                 |           |   |    |
|                                 |           |   |    |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 7-10-08 |
|--------------------|---|-----------------|---------|

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number. \*Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

RECEIVED  
CENTRAL FAX CENTER

MAY 22 2007

|   |                               |                     |
|---|-------------------------------|---------------------|
| Substitutes for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) | Complete if Known             |                     |
|   | Application Number            | 10/764,314          |
|   | Filing Date                   | January 23, 2004    |
|   | First Named Inventor          | Rsehetov, Alexander |
|   | Group Art Unit                | 2624                |
|   | Examiner Name                 | Sherali, Ishrat     |
| Sheet 1 of 1  | Attorney Docket No: 42P08655C |                     |

| US PATENT DOCUMENTS |          |                     |                                      |   |   |
|---------------------|----------|---------------------|--------------------------------------|---|---|
| Examiner Initials*  | Cite No. | USP Document Number | Publication or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| IS                  |          | US-5,943,058        | 08/24/1999                           | Nagy, Michael B.                                |   |

| FOREIGN PATENT DOCUMENTS |          |  |                                |  |   |                |
|--------------------------|----------|--|--------------------------------|--|---|----------------|
| Examiner Initials*       | Cite No. | Foreign Patent Document<br>Country Code/Number/Kind Code<br>(if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>2</sup> |

| OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS |          |   |  |  |  |                |
|---|----------|---|--|--|--|----------------|
| Examiner Initials*                                | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |  | T <sup>2</sup> |

*Ishrat*

8-10-07

EXAMINER

DATE CONSIDERED

Based on PTO/B/C/LA(00-06) - Substitute Disclosure Statement Form (PTO-1449) as modified by BSTZ 03/28/07  
\* EXAMINER: Initial if reference considered, whether or not citation is in conformity with MPEP 809. Draw line through citation if not in conformity and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional) \* Applicant to place a check mark here if English language translation is attached